CLM PTO 06/26/03

Claims 1-8 are cancelled

9. An object comprising a coating layer, wherein the coating layer comprises a heparin-polyoxyalkylenepolyamine adduct.

10. The object of claim 9 wherein the coating layer further comprises a polysiloxane.

11. The object of claim 9 wherein the object is a medical device.

12. A method for preparing a heparin-polyoxyalkylenepolyamine adduct comprising:

adding a heparin salt to a periodate solution to give a periodate heparin solution; and

adding a polyoxyalkylenepolyamine and a reducing agent to the periodate heparin solution to give a solution of the adduct.

13. The method of claim 12 further comprising dialyzing the solution of the adduct against a solution comprising quaternary ammonium cations.

14. A method for preparing a medical device comprising:

providing a body of the medical device;

applying a composition to coat the body of the medical device, the composition comprising a heparin-polyoxyalkylenepolyamine adduct and an organic solvent; and

drying the coated medical device.

15. A composition comprising:
a quaternary ammonium heparin complex;
a moisture curable polysiloxane; and
an organic solvent.

16. The composition of claim 15 wherein the quaternary ammonium heparin complex is selected from the group consisting of benzalkonium heparin complexes, stearyldimethylbenzylammonium heparin complexes, tridodecylmethylammonium heparin complexes; tetradodecylammonium heparin complexes, benzalkonium heparin-polyoxyalkylenepolyamine adduct complexes, stearyldimethylbenzylammonium heparin-polyoxyalkylenepolyamine adduct complexes, tridodecylmethylammonium heparin-polyoxyalkylenepolyamine adduct complexes, tetradodecylammonium heparin-polyoxyalkylenepolyamine adduct complexes, and combinations thereof.

17. An object comprising a quaternary ammonium heparin complex and a cured silicone.

18. The object of claim 17 wherein the object is a medical device.

19. The object of claim 17 wherein the quaternary ammonium heparin complex is selected from the group consisting of benzalkonium heparin complexes, stearyldimethylbenzylammonium heparin complexes, tridodecylmethylammonium heparin complexes; tetradodecylammonium heparin complexes, benzalkonium heparin-polyoxyalkylenepolyamine adduct complexes, stearyldimethylbenzylammonium heparin-polyoxyalkylenepolyamine adduct complexes, tridodecylmethylammonium heparin-polyoxyalkylenepolyamine adduct complexes, tetradodecylammonium heparin-polyoxyalkylenepolyamine adduct complexes, and combinations thereof.

Claim 20 is cancelled